

Appl. Serial No. 10/612,209
Amendment Dated May 9, 2006
Reply to Office Action Mailed February 9, 2006

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AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

- 1 1. (Currently Amended) A method of controlling the ~~availability~~ availability of a cellular
2 radiocommunication service, comprising the steps of:
3 - installing ~~an independent~~ a beacon for broadcasting a radio signal in a protected
4 zone, wherein said radio signal carries system information shaped according to a broadcasting
5 channel of a cellular radiocommunication system, said system information including a service
6 restriction indication in respect of terminals situated in the protected zone;
7 - storing the service restriction indication in a terminal picking up said radio signal;
8 and
9 - executing a signaling sequence, prior to producing audible signals, in a call setup
10 procedure between said terminal and a cellular system ~~and said terminal of which said beacon is~~
11 independent, said signaling sequence including transmitting the service restriction indication
12 from said terminal to said cellular system.
- 1 2. (Original) The method as claimed in claim 1, wherein said service restriction indication
2 designates a type of protected zone.
- 1 3. (Original) The method as claimed in claim 1, wherein said system information further
2 includes data of geographical positioning of the beacon.
- 1 4. (Original) The method as claimed in claim 1, wherein the call setup procedure comprises
2 analyzing the service restriction indication transmitted by the terminal in conjunction with a type
3 of call being set up, so as to authorize or not continuation of the procedure.
- 1 5. (Original) The method as claimed in claim 1, wherein the call setup procedure includes
2 analyzing the service restriction indication transmitted by the terminal in conjunction with data
3 for identifying the terminal, so as to authorize or not continuation of the procedure.

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1 6. (Original) A radiocommunication terminal, comprising means for detecting broadcasting
2 channels emanating from radio transceivers of at least one cellular radiocommunication system,
3 and means for setting up calls with a cellular system through a transceiver of said system whose
4 broadcasting channel has been detected, wherein the detection means are arranged to further
5 detect a radio signal broadcast by a radio beacon independent of the cellular system, said radio
6 signal carrying system information shaped according to a broadcasting channel of a cellular
7 system, said system information including a service restriction indication in respect of terminals
8 situated in a protected zone, the terminal further comprising means for storing the service
9 restriction indication included in the system information carried by the radio signal upon
10 detection of said radio signal, and wherein the call setup means are arranged to execute a
11 signaling sequence, prior to producing audible signals, in a call setup procedure with the cellular
12 system, said signaling sequence including transmitting any stored service restriction indication to
13 said cellular system.

1 7. (Original) A cellular radiocommunication system, comprising radio transceivers
2 dispersed over a system coverage area, and means for setting up calls with terminals situated
3 within range of said radio transceivers, wherein the call setup means are arranged to execute a
4 call setup procedure with at least one terminal, comprising receiving from the terminal a service
5 restriction indication emanating from a radio beacon independent of the system and analyzing
6 said indication before validating call triggering.

1 8. (Original) The system as claimed in claim 7, wherein the analysis of the service
2 restriction indication received from the terminal is performed in conjunction with a type of call
3 being set up.

1 9. (Original) The system as claimed in claim 7, wherein the analysis of the service
2 restriction indication received from the terminal is performed in conjunction with data for
3 identifying the terminal.

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1 10. (Currently Amended) The system as claimed in claim 7, wherein the service restriction
2 indication received from the terminal designates a type of protected zone where the ~~availability~~
3 availability of the cellular service is restricted.

1 11. (Original) The system as claimed in claim 7, wherein the service restriction indication is
2 received from the terminal with data of geographical positioning of the radio beacon, which are
3 taken into account in the analysis.

1 12. (Original) The system as claimed in claim 7, wherein the analysis of the service
2 restriction indication received from the terminal takes into account the call setup time.

1 13. (New) The method as claimed in claim 1, wherein said beacon is not capable of
2 receiving radio signals from terminals.

1 14. (New) The system as claimed in claim 7, wherein said beacon is not capable of receiving
2 radio signals from terminals.